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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7: A61K 31/395, C07D 203/14, 403/12, A61K 31/415, 31/535

(11) International Publication Number:

WO 00/13683

A3 (43) International Publication Date:

16 March 2000 (16.03.00)

(21) International Application Number:

PCT/GB99/02956

(22) International Filing Date:

7 September 1999 (07.09.99)

(30) Priority Data:

9819472.3

7 September 1998 (07.09.98) GB

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(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

With international search report.

(88) Date of publication of the international search report:

13 July 2000 (13.07.00)

(54) Title: NOVEL NITROPHENYLAZIRIDINE COMPOUNDS AND THEIR USE AS PRODRUGS

(57) Abstract

A range of aziridin-1-yl nitrobenzamides are provided for use as prodrugs in conjunction with nitroreductase (NR) enzymes. The amides may have 1 or 2 - substituents which may be bulky and polar. For example, 5-(aziridin-1-yl) -N-[2-(4-morpholino) ethyl] -2,4-dinitrobenzamide of Formula (A) was found to be highly active against all NR+ cell lines tested.

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Inten nal Application No PCT/GB 99/02950

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Date of the	actual completion of the international search	Date of mailing of the international se	
1	2 April 2000	26/04/2000	
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Inter nal Application No

		PCT/GB 99/02956		
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Im...iational application No.
PCT/GB 99/02956

Box	Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)
BUX	Constitutions where contains were retained ansociation (Continuation of Item 1 of Item 81991)
This Into	amational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X	Claims Nos.:
	because they relate to subject matter not required to be searched by this Authority, namely: Remark: Although claim(s) 25
	is(are) directed to a method of treatment of the human/animal
	body, the search has been carried out and based on the alleged effects of the compound/composition.
ر الم	·
2. [Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such
	an extent that no meaningful international Search can be carried out, specifically: see FURTHER INFORMATION PCT/ISA/210
з. П	Claims Nos.:
ب ب	because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This into	emational Searching Authority found multiple inventions in this international application, as follows:
1.	As all required additional search fees were timely paid by the applicant, this international Search Report covers all
ш	searchable claims.
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2	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.	As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.	No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
	·
Remark	on Protest The additional search fees were accompanied by the applicant's protest.
	No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Present claims 1-12,21-25 relate to a large number of possible compounds/uses. Support within the meaning of Article 6 PCT and/or disclosure within the meaning of Article 5 PCT is to be found, however, for only a small proportion of the compounds/uses claimed. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Consequently, the search has been carried out for those parts of the claims which appear to be supported and disclosed, namely those parts relating to the individually claimed and the compounds 1-19 of table 1, with due regard to the general idea underlying the present application.

Regarding claim 13: According to Rule 6.2.a. PCT, claims shall not, except where absolutely necessary, rely on references to the description. Therefore, the part "compounds 2-29 set out in table 1" has been disregarded.

Regarding claims 1-12, 21-25: there is no Z in formula (I).

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

anormation on patent family members

Inter nal Application No PCT/GB 99/C2956

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